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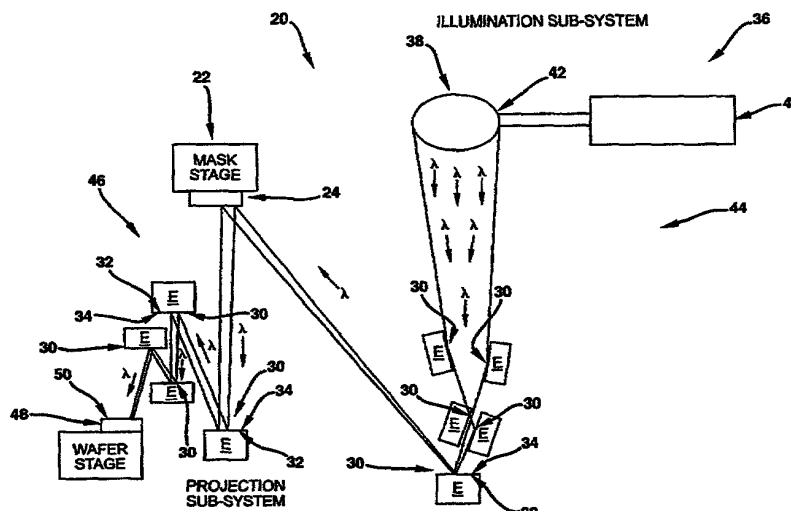
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ance Notes on Codes and Abbreviations" appearing at the begin-  
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(54) Title: **EXTREME ULTRAVIOLET SOFT X-RAY PROJECTION LITHOGRAPHIC METHOD SYSTEM AND LITHO-  
GRAPHY ELEMENTS**



(57) Abstract: The projection lithographic method for producing integrated circuits and forming patterns with extremely small feature dimensions includes an illumination sub-system (36) for producing and directing an extreme ultraviolet soft x-ray radiation  $\lambda$  from an extreme ultraviolet soft x-ray source (38); a mask stage (22) illuminated by the extreme ultraviolet soft x-ray radiation  $\lambda$  produced by illumination stage and the mask stage (22) includes a pattern when illuminated by radiation  $\lambda$ . A protection sub-system includes reflective multilayer coated Ti doped high purity SiO<sub>2</sub> glass defect free surface (32) and printed media subject wafer which has a radiation sensitive surface.

WO 01/08163 A1